

Prior to Examination, please amend the above-identified application as follows:

AMENDMENTS

In The Claims

Please add the following new claims:

1 60. (Newly Added) A digital subscriber line (DSL) communication device,
2 comprising:
3 a receiver for developing a received signal; and
4 a digital signal processor (DSP) configured to perform OSI layer one
5 processing and configured to perform OSI layer two error detection by computing a frame
6 check sequence (FCS) on each frame of said received signal, wherein said layer two error
7 detection occurs in the DSP.

1 61. (Newly Added) The apparatus as defined in claim 60, wherein said DSL
2 device operates in a multipoint environment.

1 62. (Newly Added) The apparatus as defined in claim 60, wherein said DSL
2 device operates in a half duplex environment.

1 63. (Newly Added) The apparatus as defined in claim 60, wherein said DSL
2 device operates in a full duplex environment.

1 64. (Newly Added) The apparatus as defined in claim 60, wherein said DSL
2 device operates in an asymmetrical duplex environment.

1 65. (Newly Added) A method for updating adaptive parameters in a digital
2 subscriber line (DSL) communication device, comprising the steps of:
3 developing, in a receiver, a received signal;
4 performing, in a digital signal processor (DSP), OSI layer one processing;
5 and
6 performing, in the DSP, layer two error detection by computing a frame
7 check sequence (FCS) on each frame of said received signal, wherein said step of
8 performing layer two error detection occurs in the DSP.

1 66. (Newly Added) The method as defined in claim 65, wherein said DSL
2 device operates in a multipoint environment.

1 67. (Newly Added) The method as defined in claim 65, wherein said DSL
2 device operates in a half duplex environment.

1 68. (Newly Added) The method as defined in claim 65, wherein said DSL
2 device operates in a full duplex environment.

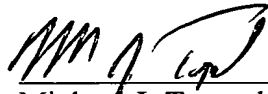
1 69. (Newly Added) The method as defined in claim 65, wherein said DSL
2 device operates in an asymmetrical duplex environment.

CONCLUSION

Applicant respectfully requests that the pending claims of this application be allowed to issue. If the Examiner has any comments regarding Applicant's response or intends to dispose of this matter in a manner other than a notice of allowance, Applicant requests that the Examiner telephone Applicant's undersigned attorney.

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Respectfully Submitted,



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